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PATENT  
Attorney Docket No.: 020859-009010US

TOWNSEND and TOWNSEND and CREW LLP

By:   
Leanne Lawlor

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Marcus D. Riedel  
Jehoshua Bruck

Application No.: 10/728570

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For: SYNTHESIS OF CYCLIC  
COMBINATIONAL CIRCUITS

Customer No.: 20350

Confirmation No. 8898

Examiner: Lin

Technology Center/Art Unit: 2825

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed March 14, 2006, please enter the following amendments and consider the following remarks:

**Amendments to the Specification** begin on page 2 of this document.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Amendments to the Drawings** begin on page 14 of this paper and include both an attached replacement sheet and an annotated sheet showing changes for Fig. 1 and for Fig. 25.

**Remarks/Arguments** begin on page 15 of this paper.

An **Appendix** including amended drawing figures is attached following page 18 of this paper.